

ABSTRACT OF THE DISCLOSURE

An electrical transmission line is provided which employs the conductive and structural material usually formed into current carrying cables to form the tubes of a pressurized pipeline which is then suspended from insulators on tall poles to create a low impedance electrical conductor and a high volume gas pipeline. The poles of wind generator towers may be employed to support the conductors and to store the gas from the pipeline. Auxiliary electrical generation may be added at the towers to assist in voltage or VAR support at times of peak load. Electrolysers may also be employed to increase electrical power consumption during offpeak times and supply the fuel gas or compressed air generated into the pipeline for sale or into storage for later re-conversion back into electricity at times of peak demand. A novel line layout plan is provided which reduces the cost of the transmission line.